

CLAIMS

1. A wine storage apparatus comprising a wine storage compartment for storing wine, and

a temperature control device for controlling a
5 temperature of the wine storage compartment,

wherein the temperature control device repeatedly raises and lowers the temperature in the compartment in accordance with a preset cycle, a preset temperature band, and a preset variation pattern.

10 2. The wine storage apparatus according to claim 1, wherein the shortest cycle is four months.

3. The wine storage apparatus according to claim 1, wherein the cycle is one year.

4. The wine storage apparatus according to claim 1,
15 wherein the temperature band is 4° or greater in a range from 8°C to 25°C.

5. The wine storage apparatus according to claim 4, wherein the temperature band is 8° or greater in a range from 10°C to 22°C.

20 6. The wine storage apparatus according to claim 1, wherein the variation pattern is a pattern in which the temperature in the compartment is raised in a linear, curvilinear, or stepwise manner, and is lowered in a linear, curvilinear, or stepwise manner.

25 7. The wine storage apparatus according to claim 1, comprising a humidity control device for keeping a humidity of the wine storage compartment at a preset value.

8. The wine storage apparatus according to claim 7, wherein the humidity control device keeps the humidity of the wine storage compartment at about 65%.

9. The wine storage apparatus according to claim 1,
5 comprising an input unit for setting at least one setting selected from the cycle, the temperature band, and the variation pattern carried out by the temperature control device.

10. The wine storage apparatus according to claim 1,
10 comprising a second wine storage compartment for storing wine, wherein the temperature control device keeps temperature and humidity of the second wine storage compartment constant.

11. The wine storage apparatus according to claim 1,
15 wherein the second wine storage compartment has a white wine storage compartment for storing white wine and a red wine storage compartment for storing red wine; and

the temperature control device keeps the white wine storage compartment and the red wine storage compartment at
20 different temperatures.

12. The wine storage apparatus according to claim 1, wherein the cycle is six months or one year;

the temperature band is 8° or greater in a range from 10°C to 22°C; and

25 the variation pattern is a pattern in which the temperature in the compartment is raised in a linear,

curvilinear, or stepwise manner, and is lowered in a linear, curvilinear, or stepwise manner.

13. The wine storage apparatus according to claim 12, comprising a humidity control device for keeping the humidity
5 of the wine storage compartment at about 65%.

14. The wine storage apparatus according to claim 13, comprising an input unit for setting at least one setting selected from the cycle, the temperature band, and the variation pattern carried out by the temperature control
10 device.

15. The wine storage apparatus according to claim 14, comprising a second wine storage compartment for storing wine, wherein the temperature control device keeps temperature and humidity of the second wine storage
15 compartment constant.

16. The wine storage apparatus according to claim 15, wherein the second wine storage compartment has a white wine storage compartment for storing white wine and a red wine storage compartment for storing red wine; and the temperature
20 control device keeps the white wine storage compartment and the red wine storage compartment at different temperatures.